



PATENT
TH-2306 02 (US)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, P. O. Box 1450,
Alexandria, VA 22313-1450 on or before the date shown below.


Lisa K. Holthus

Date: July 13, 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of)	
)	
PAUL M. McALLISTER ET AL)	
)	
Serial No. 10/815,276)	Group Art Unit: 1764
)	
Filed April 1, 2004)	Examiner: Boyer, Randy
)	
REACTOR SYSTEM AND PROCESS FOR)	July 13, 2007
THE MANUFACTURE OF ETHYLENE)	
OXIDE)	
)	

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.56 AND 1.97**

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents, other than the U.S. patent documents, are enclosed. For a foreign language document, an English language abstract is provided.

Applicant is aware of pending patent applications, Serial Nos.: 10/816,543 filed April 1, 2004; 11/775,100 filed July 9, 2007; and 11/232,353 filed September 21, 2005, which claim related, but different inventions.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

10815276

07/16/2007 WABDELRI 00000038 191800

01 FC:1806 180.00 DA

Please charge the \$180.00 fee for the filing of this Supplemental Information
Disclosure Statement to Shell Oil Company, Deposit Account No. 19-1800.

Respectfully submitted,

PAUL M. McALLISTER ET AL

By  _____

Attorney, Lisa K. Holthus
Registration No. 60,082
(713) 241-5192

P.O. Box 2463
Houston, Texas 77252-2463

Enclosure: PTO Form -1449

FORM PTO-1449 (Modified)

JUL 16 2007

ATTY. DOCKET NO.
TH2306 02 (US)APPLICATION NUMBER
10/815,276LIST OF INFORMATION PROVIDED
BY APPLICANTAPPLICANT
Paul M. McAllister et al

(Use several sheets if necessary)

FILING DATE
01 April 2004

GROUP ART UNIT

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US3972829	8/76	Michalko	252	430	
	AB	US4005049	1/77	Fields	252	467	
	AC	US4908343	3/90	Bhasin	502	218	
	AD	US4797270	1/89	Cendan et al	423	625	
	AE	US4361504	11/82	Solomon et al	252	463	
	AF	US4366092	12/82	Winterton	252	476	
	AG	US4367167	1/83	Lee et al	252	472	
	AH	US4810689	3/89	Hayden	502	347	
	AI	US4186106	1/80	Rebsdat et al	252	414	
	AJ	US4125480	11/78	Maxwell	252	414	
	AK	US4886917	12/89	Knopf et al	568	623	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL	WO199623585	8/96	WO	B01J	23/66		
	AM	WO199641848	12/96	WO	C10G	45/08		
	AN	JP56164013	1980	Japan (Abstract)	C01F	7/02		
	AO	JP56105750	8/81	Japan (Abstract)	B01J	23/66		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AR	B.E.T. (Brunauer, Emmett and Teller) Journal of American Chemical Society 60 (1938) pgs. 309-316.
AS	"Kirk-Othmer Encyclopedia of Chemical Technology". 3 rd edition, Volume 9, 1980, pgs.432-447.
AT	Fulton, J. W., "Selecting the Catalyst Configuration". Chemical Engineering, May 12, 1986, pgs. 97-101.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH2306 02 (US)APPLICATION NUMBER
10/815,276LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Paul M. McAllister et alFILING DATE
01 April 2004

GROUP ART UNIT

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	BA	US5057481	10/91	Bhasin	502	208	
	BB	US2901441	8/59	Waterman	252	463	
	BC	US5734068	3/98	Klopries et al	549	536	
	BD	US5668077	9/97	Klopries et al	502	347	
	BE	US4874739	10/89	Boxhoorn	502	218	
	BF	US4916243	4/90	Bhasin et al	549	534	
	BG	US5387751	2/95	Hayden et al	549	534	
	BH	US5447897	9/95	Kemp	502	303	
	BI	US5486628	1/96	Kemp	549	536	
	BJ	US5545603	8/96	Kemp	502	347	
	BK	US5663385	9/97	Kemp	549	536	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	BL	EP211521	2/87	EP	B01J	23/66		
	BM	EP0937498	8/99	EP	B01J	23/66		
	BN	EP563414	10/93	EP	B01J	23/52		
	BO	EP568978	11/93	EP	G01C	19/56		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BR	
	BS	
	BT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH2306 02 (US)APPLICATION NUMBER
10/815,276LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Paul M. McAllister et alFILING DATE
01 April 2004

GROUP ART UNIT

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	CA	US5055442	10/91	Osaka et al	502	439	
	CB	US5037794	8/91	Magistro	502	355	
	CC	US4994588	2/91	Kapicak et al	549	534	
	CD	US4994589	2/91	Notermann	549	534	
	CE	US5112795	5/92	Minahan et al	502	324	
	CF	US4797279	1/89	Karamata et al	424	93	
	CG	US5374748	12/94	Rizkalla	549	534	
	CH	US4361500	11/82	Mathe et al	252	430	
	CI	US3895093	07/75	Weidenbach et al	423	213.5	
	CJ	US4235798	11/80	Bartley et al.	260	449	
	CK	US4244889	01/81	Bartley et al.	564	132	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	CL	FR2005978	10/69	France (abstract)	G08C	13/02		
	CM	EP716884	06/96	EP	B01J	23/66		
	CN	GB1489335	10/77	GB	B01J	23/66		
	CO	EP327356	8/89	EP	C07D	301/10		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	CR	
	CS	
	CT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH2306 02 (US)APPLICATION NUMBER
10/815,276LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Paul M. McAllister et alFILING DATE
01 April 2004

GROUP ART UNIT

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	DA	US4356312	10/82	Nieslen et al.	549	534	
	DB	US4368144	01/83	Mitsuhata et al.	252	463	
	DC	US4379134	04/83	Weber et al.	423	626	
	DD	US4420420	12/83	Mita et al.	502	261	
	DE	US4628129	12/86	Bartley	568	864	
	DF	US4665048	05/87	Van Leeuwen et al.	502	221	
	DG	US5935894	08/99	Kanazirev	502	341	
	DH	US6103916	08/00	Takada et al.	549	534	
	DI	US6281160	08/01	Basset et al.	502	332	
	DJ	US5380697	01/95	Matusz et al.	502	348	
	DK	US4361503	11/82	Dwyer et al.	252	455	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	DL	EP1201301	5/02	EP	B01J	23/58		
	DM	WO200226370	4/02	WO	B01J	8/06		
	DN	WO2004101144	11/04	WO	B01J	23/50		
	DO	WO2004094055	11/04	WO	B01J			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	DR	
	DS	
	DT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH2306 02 (US)APPLICATION NUMBER
10/815,276LIST OF INFORMATION PROVIDED
BY APPLICANTAPPLICANT
Paul M. McAllister et al

(Use several sheets if necessary)

FILING DATE
01 April 2004

GROUP ART UNIT

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	EA	US2424083	07/47	Finch et al.	252	204	
	EB	US4382149	05/83	Krueger	568	473	
	EC	US4532231	07/85	Johnson	502	347	
	ED	US5457897	10/95	Becker	34	472	
	EE	US4837194	6/89	Hayden	502	348	
	EF	US6511938	1/03	Liu et al	502	347	
	EG	US3997476	12/76	Cull	252	463	
	EH	US5447897	9/95	Kemp	502	303	
	EI	US4366093	12/82	Shiozaki et al	252	477	
	EJ	US6325919	12/01	Koyama et al	208	134	
	EK	US4921681	5/90	Ozero et al	422	197	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	EL	WO2005023417	3/05	WO	B01J	23/68		
	EM	WO2003072246	9/03	WO	B01J	23/66		
	EN	EP1277698	1/03	EP	C01B	3/38		
	EO	EP1002575	5/00	EP	B01J	23/04		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	ER	
	ES	
	ET	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH2306 02 (US)APPLICATION NUMBER
10/815,276LIST OF INFORMATION PROVIDED
BY APPLICANTAPPLICANT
Paul M. McAllister et al

(Use several sheets if necessary)

FILING DATE
01 April 2004

GROUP ART UNIT

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	EA	US4033903	7/77	Maxwell	252	476	
	EB	US20040225138	11/04	McAllister et al	549	523	
	EC	US20040260103	12/04	Matusz et al	549	534	
	ED	US20040224841	11/04	Matusz et al	502	347	
	EE	US6631890	10/03	Lau	261	94	
	EF	US5626455	5/97	Keller et al	414	288	
	EG	US5588986	12/96	Davis et al	95	211	
	EH	US20020137957	7/04	Jeong	455	566	
	EI	US2238474	4/41	McNamee et al	260	348	
	EJ						
	EK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	EL							
	EM							
	EN							
	EO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	ER	
	ES	
	ET	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.